

What is claimed:

1. A method for producing a more mature product, the method comprising the steps of:

5 a) managing an organization developing said product, whereby said organizational management comprises managing personnel of said organization and implementing a product improvement process;

b) managing a project for developing said product; and

c) managing the delivery of said product,

10 whereby actions undertaken during said organizational management affects implementation of said project and delivery managements; and whereby said actions undertaken during said project and delivery managements affect implementation of said organizational management.

15 2. The method of claim 1, wherein said product improvement process comprises planning the product improvement process.

3. The method of claim 1, wherein said product improvement process comprises organizing resources needed for the product improvement process.

20 4. The method of claim 1, wherein said product improvement process comprises establishing a software engineering process group (SEPG).

25 5. The method of claim 4, wherein said product improvement process comprises controlling a SEPG project.

6. The method of claim 4, wherein said product improvement process comprises implementing and supporting said SEPG project.

30 7. The method of claim 1, wherein said product improvement process comprises conducting a software quality assurance (SQA) review.

8. The method of claim 1, wherein said product improvement process comprises conducting an assessment.

9. The method of claim 1, wherein said product improvement process comprises conducting an intermittent or periodic survey.

10. The method of claim 1, wherein said product improvement process comprises conducting process improvement.

11. The method of claim 1, wherein said personnel management comprises designing a performance measurement infrastructure.

12. The method of claim 1, wherein said personnel management comprises the steps of designing an organizational infrastructure and implementing said organizational infrastructure.

13. The method of claim 1, wherein said personnel management comprises designing training for said personnel and deploying said training.

14. The method of claim 1 further comprising the step of managing a program for implementing said product maturing method.

15. The method of claim 14, wherein said program management comprises developing a management plan.

16. The method of claim 14, wherein said program management comprises designing an initial work team environment.

17. The method of claim 14, wherein said program management comprises implementing management processes.

18. The method of claim 14, wherein said program management comprises the steps of creating a program management office and directing said program management office.

5 19. The method of claim 14, wherein said program management comprises conducting a program closeout.

20. The method of claim 1, wherein said project management comprises planning the project execution.

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21. The method of claim 1, wherein said project management comprises organizing project resources.

22. The method of claim 1, wherein said project management comprises controlling work related to product.

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23. The method of claim 1, wherein said project management comprises completing the project.

24. The method of claim 1, wherein said project management comprises execution a SQA review.

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25. The method of claim 1, wherein said project management comprises management of a supplier agreement.

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26. The method of claim 25, wherein said supplier agreement management comprises the steps of managing a subcontractor.

27. The method of claim 26, wherein said subcontractor management comprises planning said subcontractor management.

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28. The method of claim 26, wherein said subcontractor management comprises organizing resources related to said subcontractor management.

29. The method of claim 26, wherein said subcontractor management comprises
5 controlling said subcontractor management.

30. The method of claim 26, wherein said subcontractor management comprises completing said subcontractor management.

31. The method of claim 25, wherein said supplier agreement management
10 comprises the steps of managing a product acquisition (PA).

32. The method of claim 31, wherein said PA management comprises planning
15 said PA management.

33. The method of claim 31, wherein said PA management comprises organizing
resources related to said PA management.

34. The method of claim 31, wherein said PA management comprises controlling
20 said PA management.

35. The method of claim 31, wherein said PA management comprises completing
said PA management.

36. The method of claim 1, wherein said delivery management comprises
25 identifying and analyzing requirements for said delivery management.

37. The method of claim 1, wherein said delivery management comprises
30 designing a technology infrastructure.

38. The method of claim 1, wherein said delivery management comprises designing a technology infrastructure.

39. The method of claim 1, wherein said delivery management comprises designing an application for said product.

40. The method of claim 1, wherein said delivery management comprises building and testing said technology infrastructure.

41. The method of claim 1, wherein said delivery management comprises building and testing said application.

42. The method of claim 1, wherein said delivery management comprises the steps of planning a product test and executed said product test.

43. The method of claim 1, wherein said delivery management comprises the steps of planning an acceptance test and executed said acceptance test.

44. The method of claim 1, wherein said delivery management comprises deployment of said product.

45. The method of claim 1 wherein the maturity of said product is judged using the Capability Maturity Modeling (CMM) or the Integrated Capability Maturity Modeling (CMMI).

46. A system for producing a more mature product, said system comprising
a organizational management module;
a product management module; and
a delivery management module.

47. The system of claim 46 further comprising a program management module.

48. The system of claim 46, wherein one or more of said modules is distributed over the network.

5 49. The system of claim 48, wherein said network is the Internet.

10 50. A program storage device readable by a machine, tangibly embodying a program of instructions executable by a machine to perform method steps of managing an organization developing said product; managing the managing a project for developing said product; and managing the delivery of said product.

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